

June 3, 2002

MEMORANDUM FOR: Clifton S. Middleton
Project Director, Survey Section B

FROM: Charles W. Challstrom
Director, National Geodetic Survey

SUBJECT: INSTRUCTIONS: Field Reconnaissance for
NORTH DAKOTA FBN, 2002 (GPS-1686)
Task Number: 8K6D2000

BACKGROUND:

The National Geodetic Survey (NGS), in accordance with the NGS Strategic Plan, is engaging in a campaign of observing stations of the Federal Base Network (FBN) to complete the ellipsoidal and orthometric height components of the FBN. Requirements for field reconnaissance to support the upcoming survey in North Dakota are outlined below.

The FBN in North Dakota consists of 29 stations (list and sketch included) that must be reconnected. If an FBN station is not recoverable, a nearby station (preferably a bench mark) suitable for GPS should be recovered and the office informed.

Since Central Temporary Continuously Operating Reference Stations (CTCORS) throughout the state will be used in the GPS portion of the project, the recon party should note which stations are suitable to serve as such (i.e., a receiver must be able to be left unattended for 24 hours a day for a several-day period).

RECONNAISSANCE SPECIFICATIONS:

Reconnaissance shall consist of a review of existing control, field recovery and mark maintenance, station selection, and compilation of updated station descriptions in standard NGS Blue Book format, using WDDPROC software.

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LIAISON:

For concerns regarding survey field operations, contact:

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Contact person for North Dakota FBN:

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NGS Geodetic Advisor for Montana and Idaho is:

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NGS Geodetic Advisor for Minnesota is:

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DATA:

All records for this project shall be archived under the title "NORTH DAKOTA FBN, 2002" and accession number GPS-1686. Digital files shall be archived under the filename "ndfb052d.961".

REPORTS:

A summary of reconnaissance activities shall be included in the final project report.

ADDRESSES:

Keep N/NGS41 informed of the party's post office, physical address, and telephone number at all times.

PUBLICITY:

See NGS Operations Handbook, Section 1.4.1.

EXPENSES:

FBN expenses for this project will be charged to task number 8K6D2000.

TRAVEL:

Travel and per diem are authorized in accordance with Federal Travel Regulations, Part 301-11, Per Diem Allowances. Current per diem rates were effective October 1, 2001.

ACKNOWLEDGEMENT:

Please acknowledge receipt of these instructions in your Monthly Report.

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